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# **Q&A**

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**Exam** : **PD0-001**

**Title** : **CompTIA PDI+ Beta Exam**

**Version** : **DEMO**

1.The type of data sent to the laser printer is called:

- A.PCL5 printer data.
- B.raster data.
- C.a bitonal image file.
- D.Post Script.

**Answer:B**

2.Which of the following would be the MOST likely cause of gray background on the entire surface of a copied page?

- A.Improperly stored paper
- B.Deteriorated developer
- C.High humidity level
- D.Low toner supply

**Answer:B**

3.Which of the following is a function of a developer bias?

- A.Decreases toner consumption
- B.Dissipates the electrical charge on the photoconductor
- C.Applies toner to the latent image
- D.Eliminates ozone emissions

**Answer:C**

4.Which of the following is a definition of firmware?

- A.The amount of data contained on a PCB
- B.Support structure for a PCB
- C.Software resident on a PCB
- D.The variable data written to a PCB

**Answer:C**

5.On a system using a negative photoconductor charge, how does the toner become attracted to the latent image?

- A.By the voltage difference between the two
- B.By discharging the latent Image area to "Ground"
- C.By reducing the toner charge
- D.By the temperature difference between the two

**Answer:A**

6.In a developing unit, the purpose of the developer roller is to:

- A.create a static charge on the toner/developer.
- B.apply charges to the toner to make it adhere to the photoconductor.
- C.create the magnetic brush that holds the toner/developer.
- D.apply charges to the photoconductor.

**Answer:C**

7.Which of the following is required in order for the primary charging process to fully charge the surface of the photoconductor?

- A.The developing spacer rollers must be in contact with the photoconductor.
- B.The charging corona/roller must have continuity to device ground.
- C.The photoconductor must have continuity with device ground.
- D.The photoconductor must be in contact with the cleaning blade.

**Answer:C**

8.Media weights are described in terms of:

- A.grams per square meter.
- B.pounds per linear foot.
- C.pounds per square meter.
- D.grams per square foot.

**Answer:A**

9.A customer has been having jamming issues and also notices the media is curled excessively. Which of the following is the potential issue?

- A.Contaminated registration roller
- B.Ozone filter needs to be replaced
- C.Using recycled media
- D.Defective toner cartridge

**Answer:C**

10.During the laser printing process, how does the laser form the latent image on the photoconductor?

- A.Heats the surface
- B.Magnetizes the surface
- C.Charges the surface
- D.Discharges the surface

**Answer:D**

11.Which of the following processes involves discharging the photoconductor in order to create the latent image?

- A.Cleaning
- B.Writing
- C.Charging
- D.Development

**Answer:B**

12.Which of the following processes occurs inside the dual component developer unit?

- A.Fusing of the developer
- B.Stirring of the developer
- C.Cleaning of the developer
- D.Exposing of the developer

**Answer:B**

13. When scanning a document on a flatbed scanner, the sub scan is determined by the:

- A. darkness of the exposure setting.
- B. movement of the lamp/mirror assembly across the original.
- C. polygon mirror movement.
- D. compression setting.

**Answer: B**

14. When scanning a document on a device equipped with an ADF, the main scan is determined by the:

- A. movement of the original.
- B. CIS unit.
- C. speed of the ADF.
- D. compression setting.

**Answer: B**

15. How many mirrors can be found in MOST scanner units that contain a CCD?

- A. One
- B. 2
- C. 3
- D. 4

**Answer: C**

16. Which of the following describes the purpose of the CCD?

- A. To properly set the bias of the exposure lamp.
- B. To properly set the bias voltages on the photoconductor.
- C. To convert the scanned original image into an analog data stream.
- D. To convert the scanned original image into a digital data stream.

**Answer: C**

17. Which of the following is the purpose of the cover that is used to conceal the lens and CCD in the flatbed scanner?

- A. To reduce wear and tear on the components.
- B. To allow the components to reach operating temperature faster.
- C. To block stray light from altering the scanned image.
- D. To reduce paper dust contamination.

**Answer: C**

18. Which of the following is used for reducing output from an MFP evenly in feed and crosswise directions?

- A. Change the speed of the photoconductor
- B. Moving the scanner optic mirror closer to the reduction lens
- C. Moving the scanner optic mirror away from the reduction lens
- D. Image processor circuitry

**Answer: D**

19.Which of the following is the MOST likely cause of light images when scanning?

- A.Dirty mirrors
- B.Wrong scanner driver
- C.No output from the CCD
- D.Cracked lens

**Answer:A**

20.A user reports that they are seeing portions of the image duplicated on the document that was just printed. Which of the following is the MOST likely cause?

- A.Laser unit
- B.Transfer section
- C.Fuser unit
- D.Developer unit

**Answer:C**